

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG030320\
 Data File : BG044674.D
 Acq On : 3 Mar 2020 22:50
 Operator : CG/JU
 Sample : L1762-09
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Mar 04 03:47:41 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG022420.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Feb 24 16:11:23 2020
 Response via : Initial Calibration

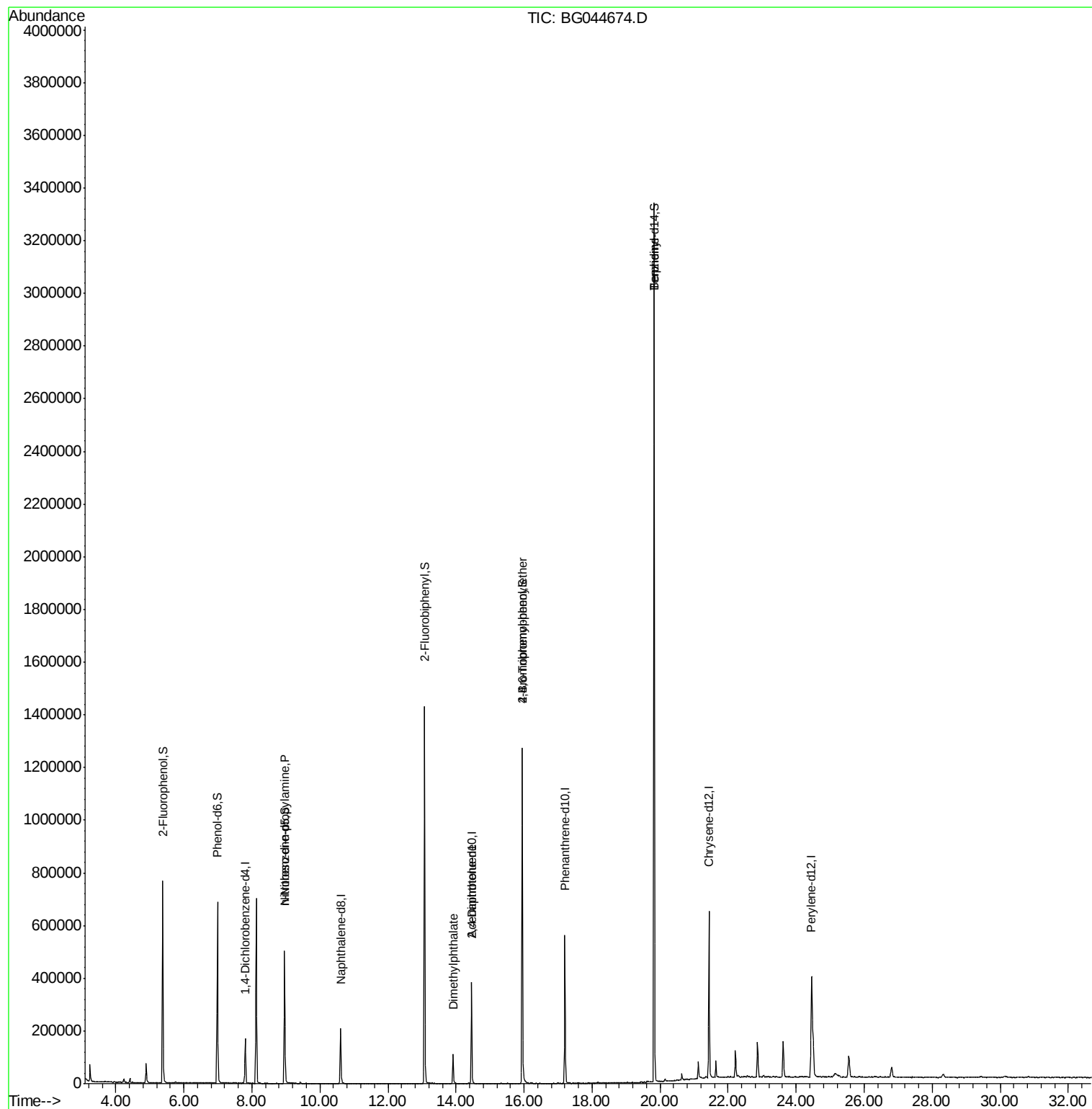
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.80	152	47596	20.00	ng	-0.07
21) Naphthalene-d8	10.61	136	202778	20.00	ng	-0.07
39) Acenaphthene-d10	14.46	164	141631	20.00	ng	-0.06
64) Phenanthrene-d10	17.20	188	368121	20.00	ng	-0.06
76) Chrysene-d12	21.43	240	364381	20.00	ng	-0.07
87) Perylene-d12	24.45	264	408085	20.00	ng	-0.12
System Monitoring Compounds						
5) 2-Fluorophenol	5.38	112	384851	129.73	ng	-0.06
7) Phenol-d6	6.99	99	459578	113.18	ng	-0.06
23) Nitrobenzene-d5	8.96	82	332800	84.55	ng	-0.07
42) 2,4,6-Tribromophenol	15.95	330	282533	140.69	ng	-0.06
45) 2-Fluorobiphenyl	13.08	172	825246	83.44	ng	-0.06
79) Terphenyl-d14	19.82	244	1655730	86.02	ng	-0.06
Target Compounds						
19) n-Nitroso-di-n-propylamine	8.97	70	42027	16.102	ng	# 75
50) Dimethylphthalate	13.91	163	91261	7.983	ng	# 98
57) 2,4-Dinitrotoluene	14.45	165	18432	5.200	ng	# 29
67) 4-Bromophenyl-phenylether	15.95	248	18785	4.111	ng	# 1
77) Benzidine	19.82	184	25602	2.051	ng	# 94

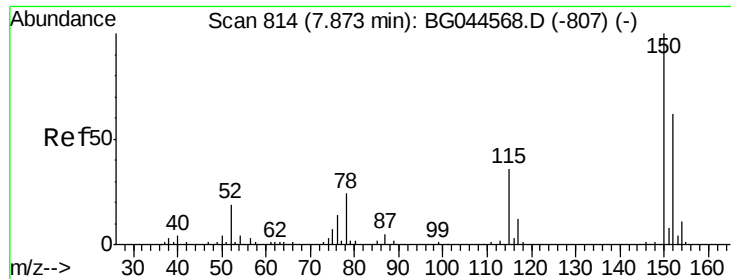
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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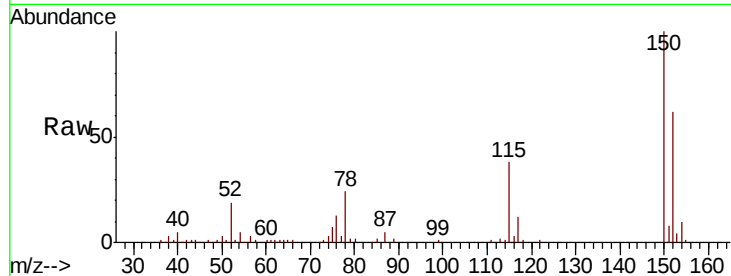




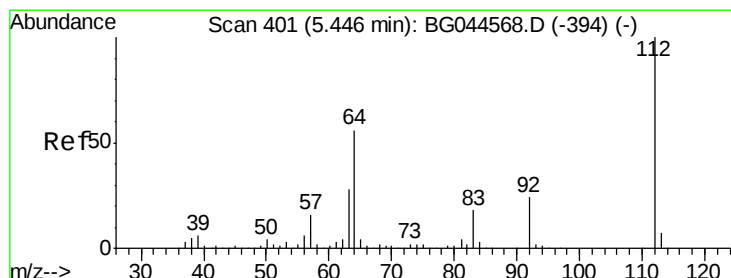
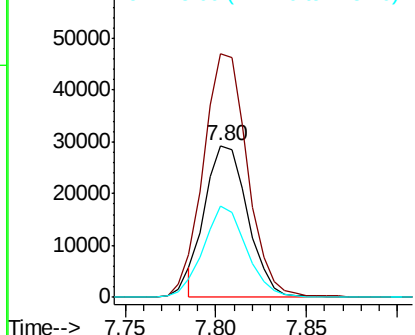
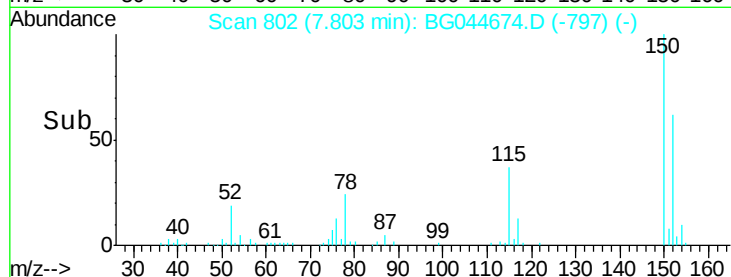
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 7.80 min Scan# 802
 Delta R.T. -0.07 min
 Lab File: BG044674.D
 Acq: 3 Mar 2020 22:50

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:152 Resp: 47596
 Ion Ratio Lower Upper
 152 100
 150 160.5 128.9 193.3
 115 60.2 47.0 70.4

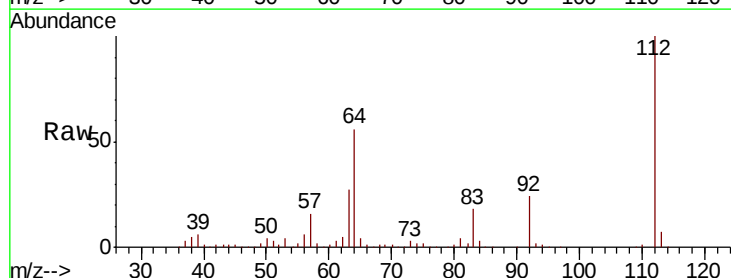


Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E

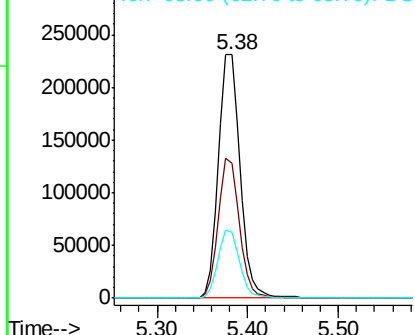
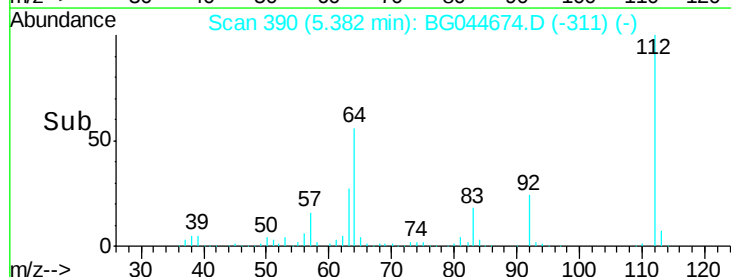


#5
 2-Fluorophenol
 Concen: 129.734 ng
 RT: 5.38 min Scan# 390
 Delta R.T. -0.06 min
 Lab File: BG044674.D
 Acq: 3 Mar 2020 22:50

Tgt Ion:112 Resp: 384851
 Ion Ratio Lower Upper
 112 100
 64 55.6 44.8 67.2
 63 27.1 22.3 33.5



Abundance Ion 112.00 (111.70 to 112.70): E
 Ion 64.00 (63.70 to 64.70): BG
 Ion 63.00 (62.70 to 63.70): BG





#7

Phenol-d6

Concen: 113.182 ng

RT: 6.99 min Scan# 663

Delta R.T. -0.06 min

Lab File: BG044674.D

Acq: 3 Mar 2020 22:50

Instrument :

BNA_G

ClientSampleId :

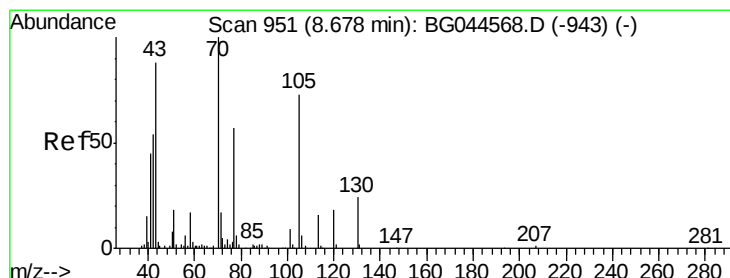
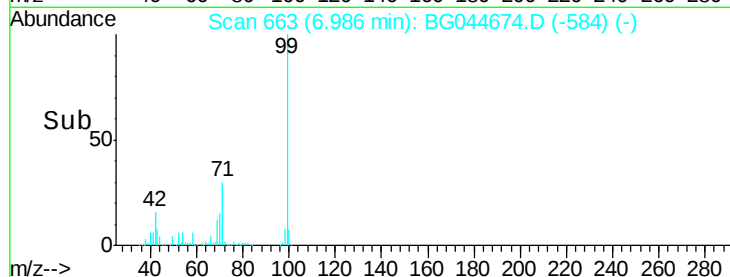
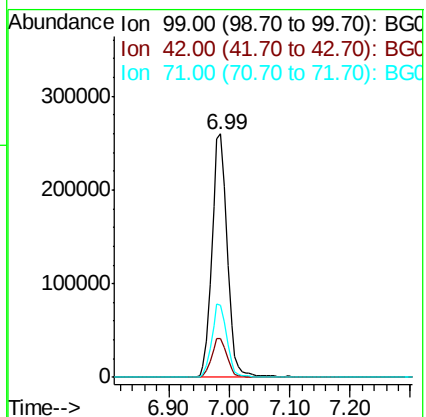
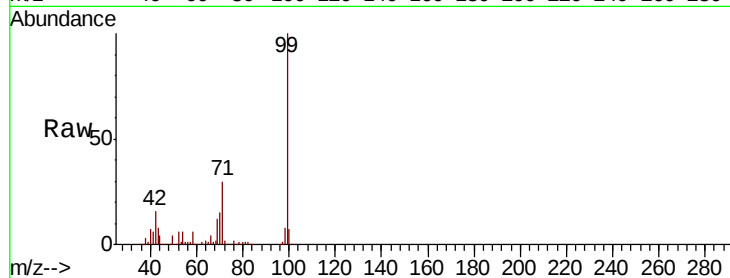
Tot Ion: 99 Resp: 459578

Ion Ratio Lower Upper

99 100

42 15.8 12.8 19.2

71 29.7 24.4 36.6



#19

n-Nitroso-di-n-propylamine

Concen: 16.102 ng

RT: 8.97 min Scan# 1000

Delta R.T. 0.29 min

Lab File: BG044674.D

Acq: 3 Mar 2020 22:50

Tgt Ion: 70 Resp: 42027

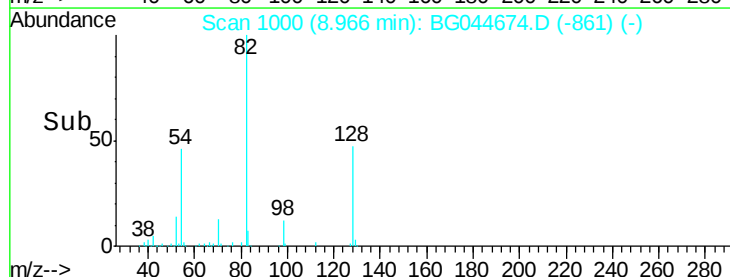
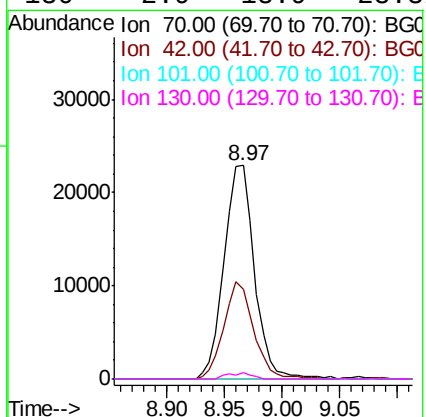
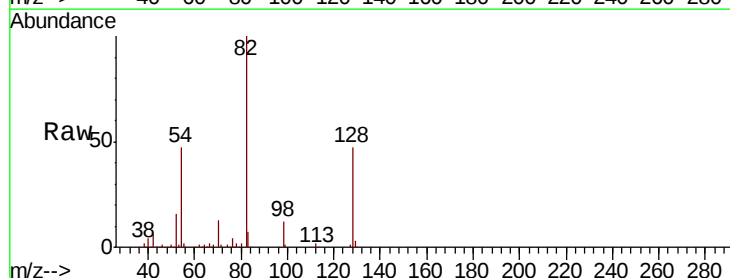
Ion Ratio Lower Upper

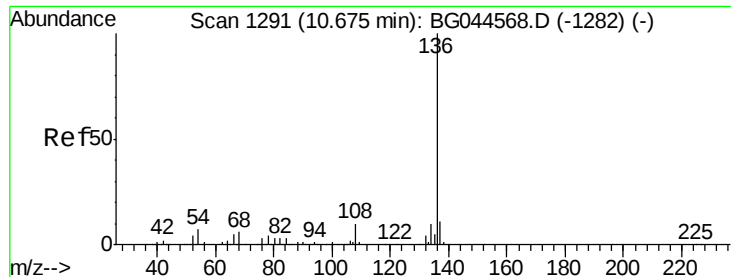
70 100

42 42.2 43.4 65.0#

101 0.0 7.5 11.3#

130 2.9 18.9 28.3#





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.61 min Scan# 1279

Delta R.T. -0.07 min

Lab File: BG044674.D

Acq: 3 Mar 2020 22:50

Instrument :

BNA_G

ClientSampleId :

Tot Ion:136 Resp: 202778

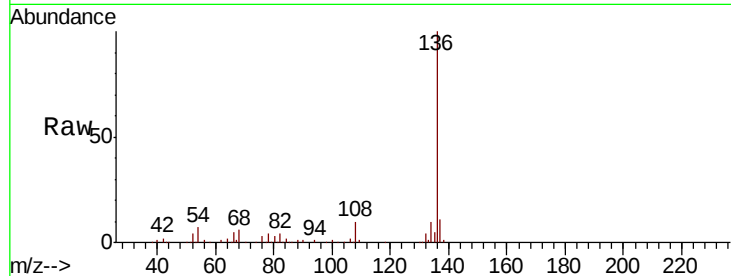
Ion Ratio Lower Upper

136 100

137 10.8 8.8 13.2

54 7.3 5.7 8.5

68 6.3 4.5 6.7

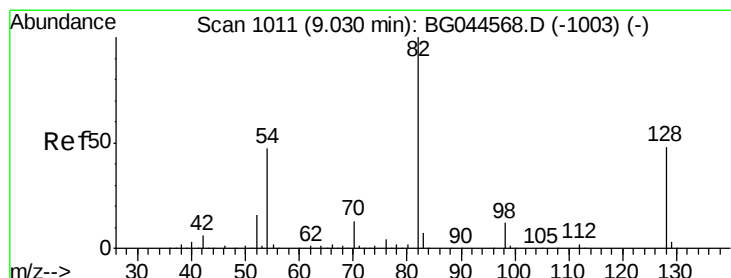
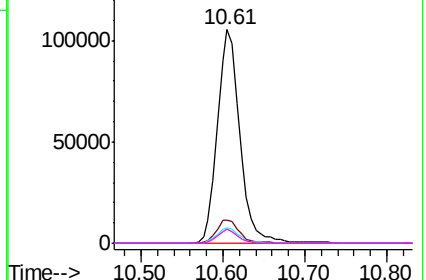
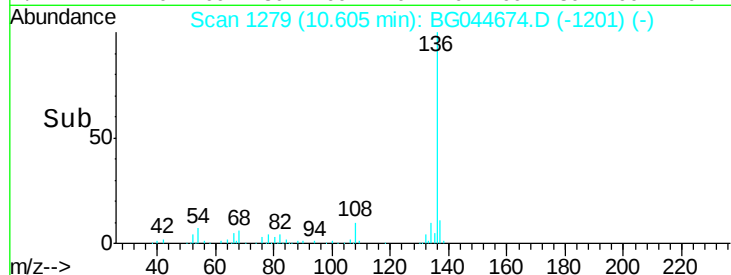


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BGC

Ion 68.00 (67.70 to 68.70): BGC



#23

Nitrobenzene-d5

Concen: 84.552 ng

RT: 8.96 min Scan# 999

Delta R.T. -0.07 min

Lab File: BG044674.D

Acq: 3 Mar 2020 22:50

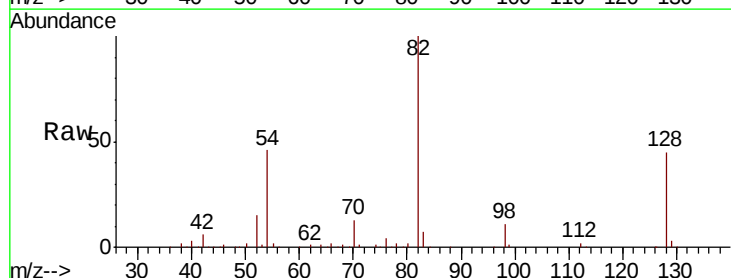
Tgt Ion: 82 Resp: 332800

Ion Ratio Lower Upper

82 100

128 45.2 38.1 57.1

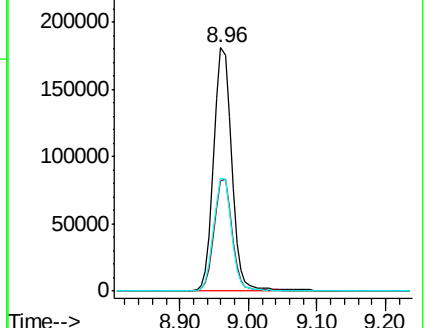
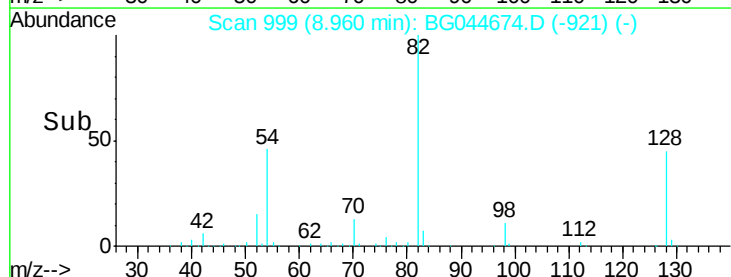
54 46.2 37.5 56.3

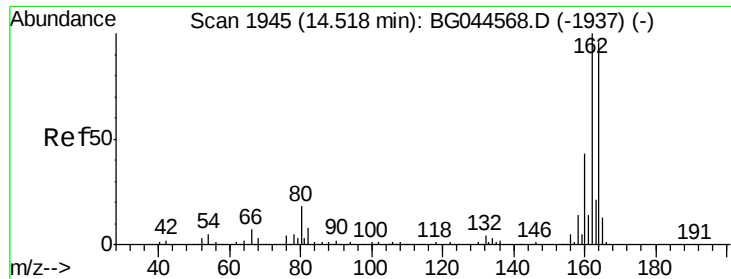


Abundance Ion 82.00 (81.70 to 82.70): BGC

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BGC





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.46 min Scan# 1935

Delta R.T. -0.06 min

Lab File: BG044674.D

Acq: 3 Mar 2020 22:50

Instrument :

BNA_G

ClientSampleId :

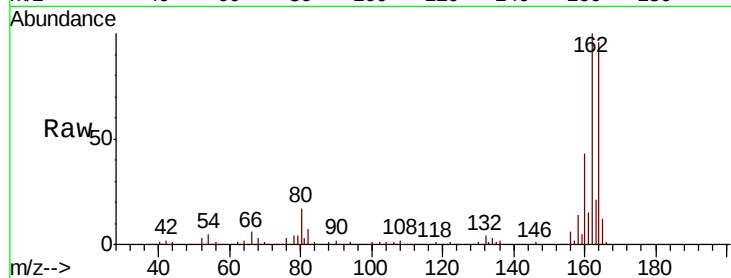
Tot Ion:164 Resp: 141631

Ion Ratio Lower Upper

164 100

162 104.5 83.6 125.4

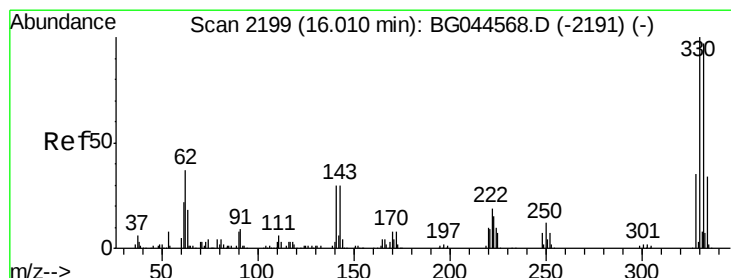
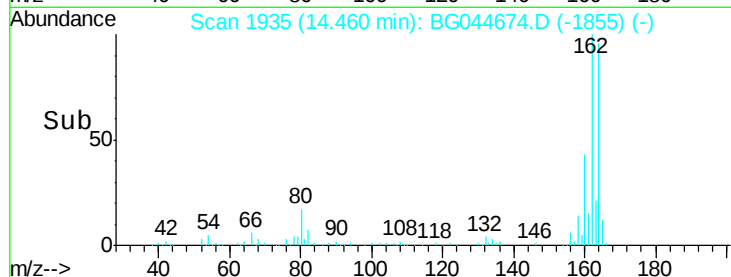
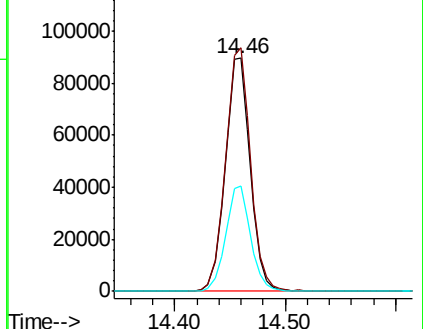
160 45.4 36.2 54.4



Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#42

2,4,6-Tribromophenol

Concen: 140.689 ng

RT: 15.95 min Scan# 2189

Delta R.T. -0.06 min

Lab File: BG044674.D

Acq: 3 Mar 2020 22:50

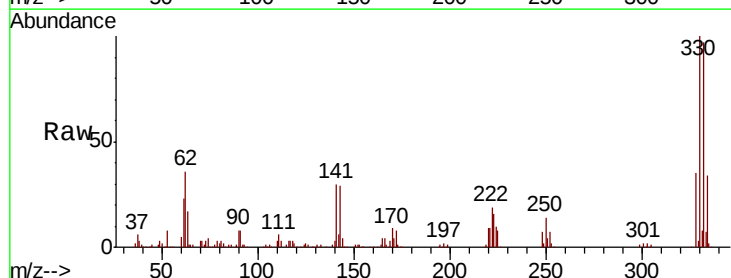
Tgt Ion:330 Resp: 282533

Ion Ratio Lower Upper

330 100

332 96.7 77.4 116.0

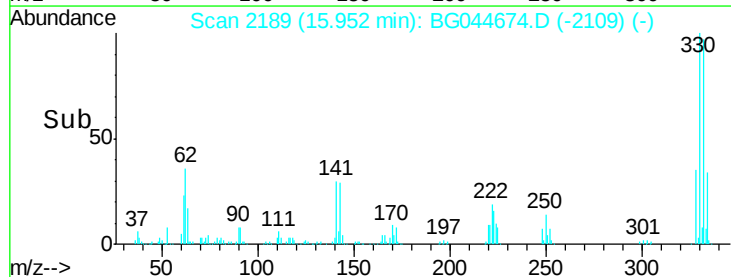
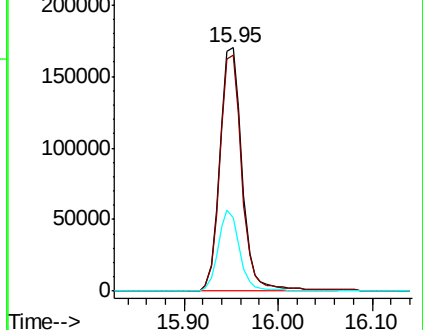
141 32.1 26.1 39.1

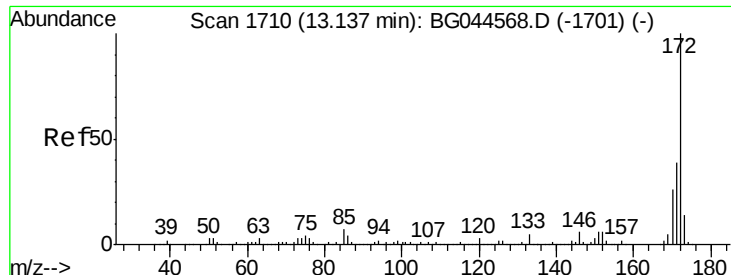


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

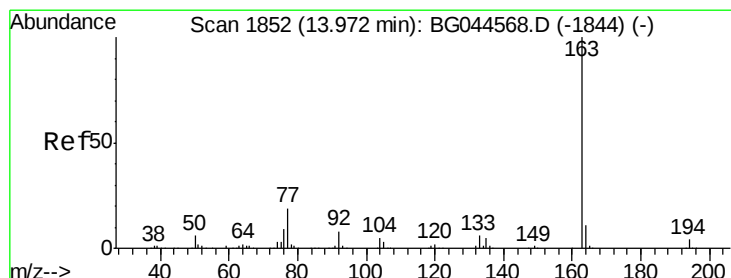
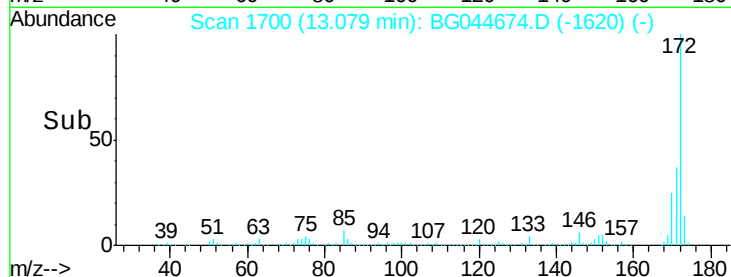
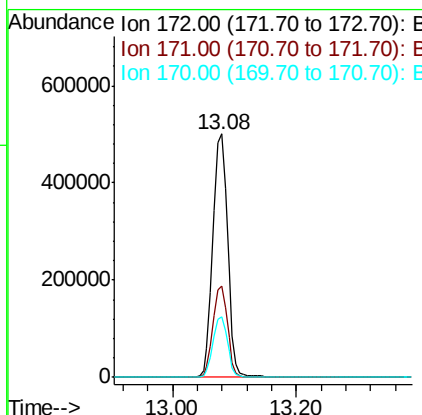
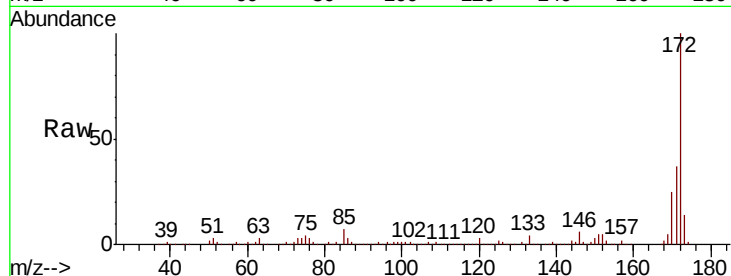




#45
 2-Fluorobiphenyl
 Concen: 83.438 ng
 RT: 13.08 min Scan# 1700
 Delta R.T. -0.06 min
 Lab File: BG044674.D
 Acq: 3 Mar 2020 22:50

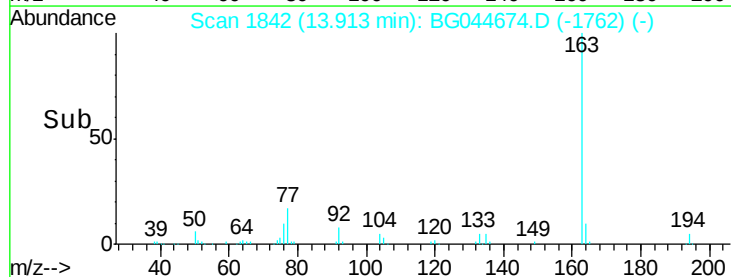
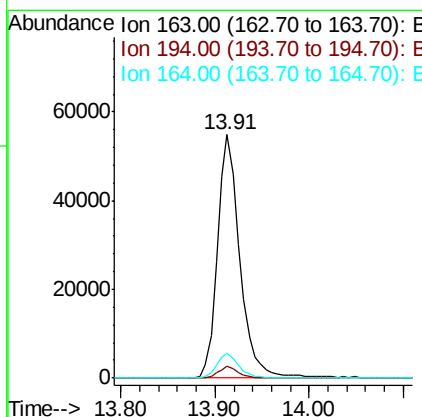
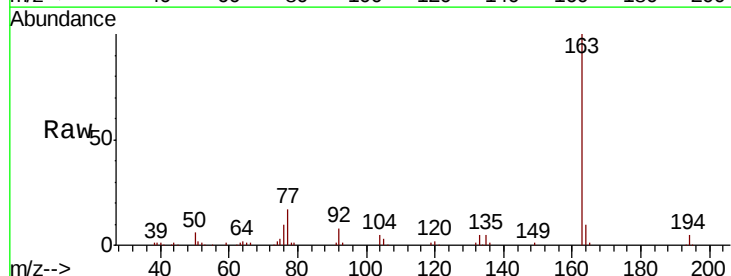
Instrument :
 BNA_G
 ClientSampleId :

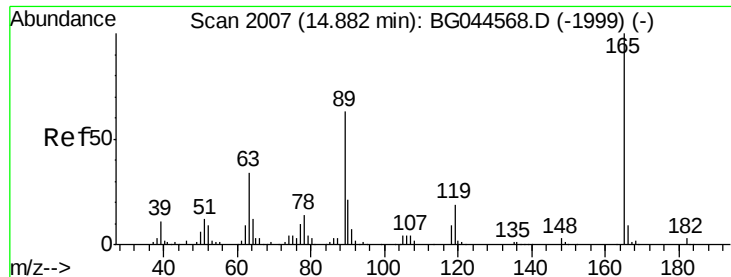
Tot Ion:172 Resp: 825246
 Ion Ratio Lower Upper
 172 100
 171 37.3 31.3 46.9
 170 24.9 21.0 31.4



#50
 Dimethylphthalate
 Concen: 7.983 ng
 RT: 13.91 min Scan# 1842
 Delta R.T. -0.06 min
 Lab File: BG044674.D
 Acq: 3 Mar 2020 22:50

Tgt Ion:163 Resp: 91261
 Ion Ratio Lower Upper
 163 100
 194 4.7 3.4 5.0
 164 10.0 8.7 13.1

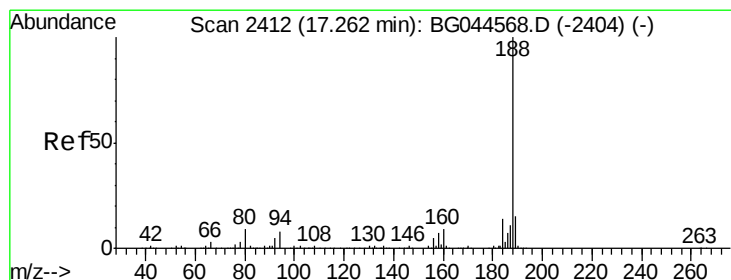
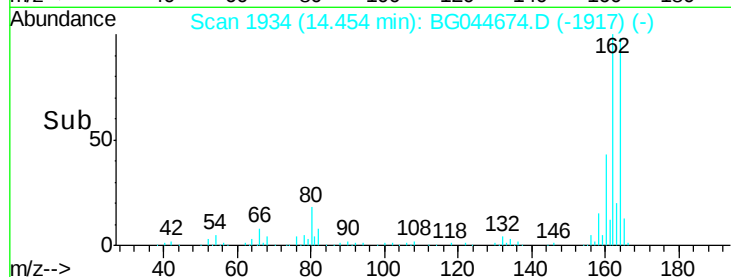
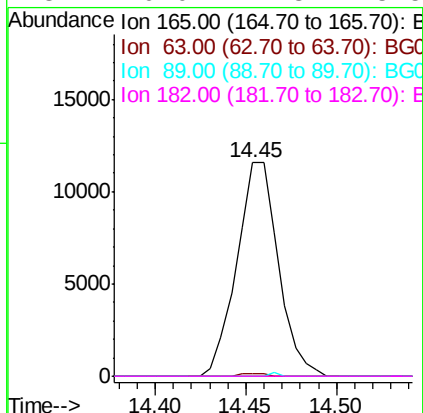
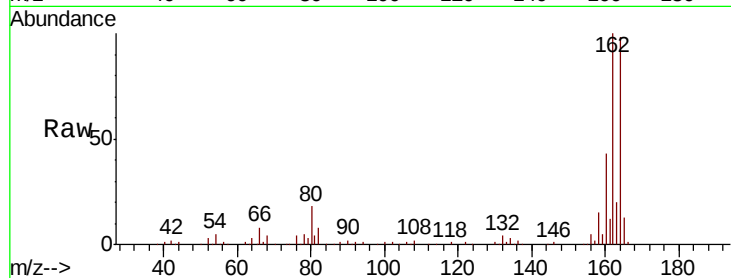




#57
 2,4-Dinitrotoluene
 Concen: 5.200 ng
 RT: 14.45 min Scan# 1934
 Delta R.T. -0.43 min
 Lab File: BG044674.D
 Acq: 3 Mar 2020 22:50

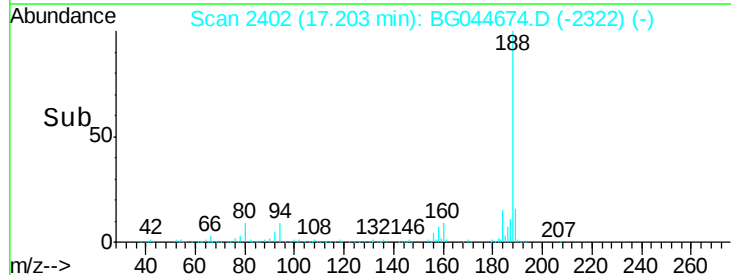
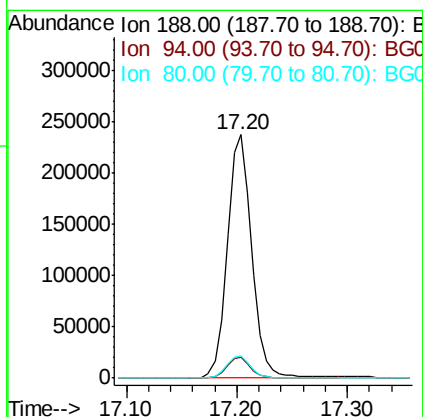
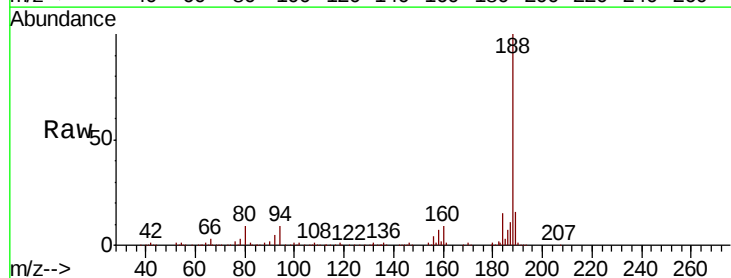
Instrument :
 BNA_G
 ClientSampleId :

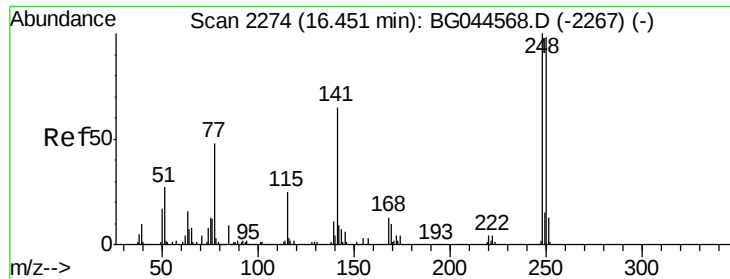
Tot Ion	Ratio	Lower	Upper
165	100		
63	1.4	27.5	41.3#
89	0.0	50.0	75.0#
182	0.0	2.3	3.5#



#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 17.20 min Scan# 2402
 Delta R.T. -0.06 min
 Lab File: BG044674.D
 Acq: 3 Mar 2020 22:50

Tgt Ion	Ratio	Lower	Upper
188	100		
94	8.8	6.7	10.1
80	9.2	7.6	11.4

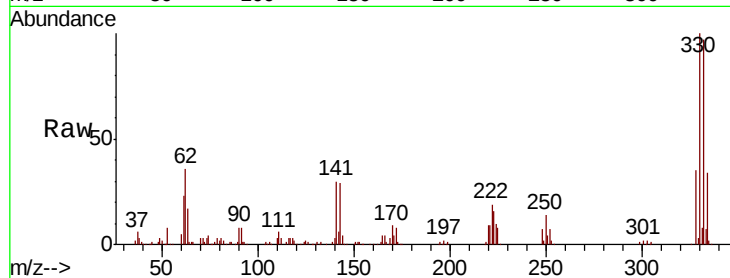




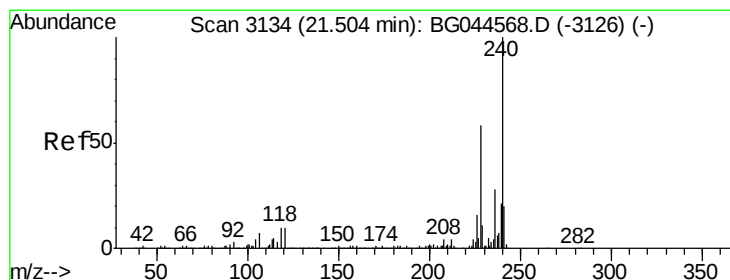
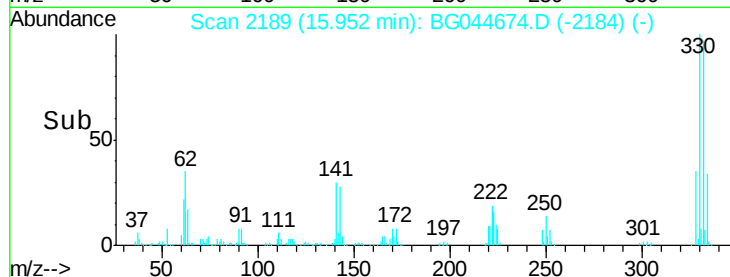
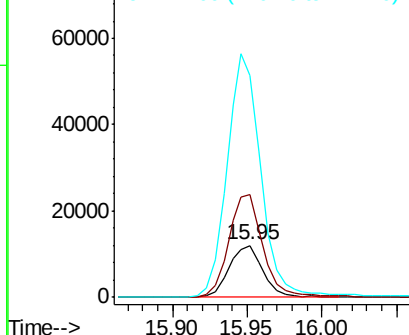
#67
4-Bromophenyl-phenylether
Concen: 4.111 ng
RT: 15.95 min Scan# 2189
Delta R.T. -0.50 min
Lab File: BG044674.D
Acq: 3 Mar 2020 22:50

Instrument :
BNA_G
ClientSampleId :

Tot Ion:248 Resp: 18785
Ion Ratio Lower Upper
248 100
250 197.6 78.7 118.1#
141 426.7 52.3 78.5#

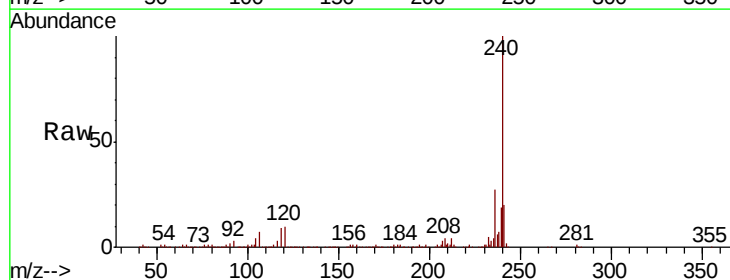


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

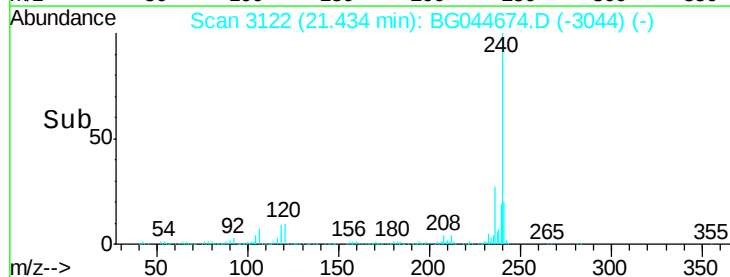
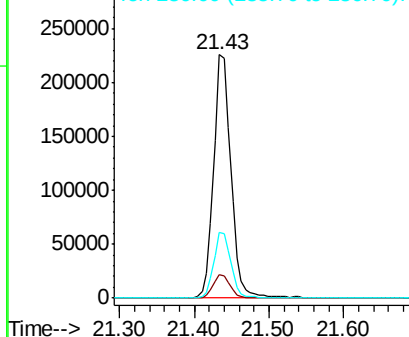


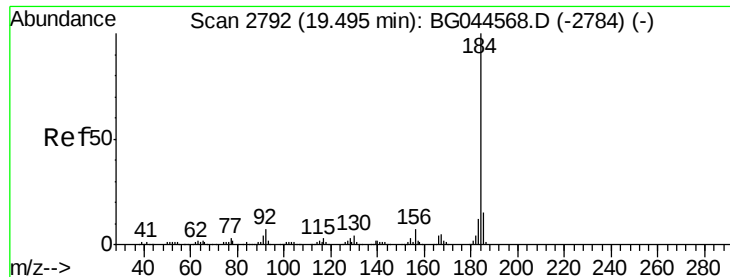
#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.43 min Scan# 3122
Delta R.T. -0.07 min
Lab File: BG044674.D
Acq: 3 Mar 2020 22:50

Tgt Ion:240 Resp: 364381
Ion Ratio Lower Upper
240 100
120 9.7 8.3 12.5
236 26.8 22.3 33.5



Abundance Ion 240.00 (239.70 to 240.70): E
Ion 120.00 (119.70 to 120.70): E
Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 2.051 ng

RT: 19.82 min Scan# 2848

Delta R.T. 0.33 min

Lab File: BG044674.D

Acq: 3 Mar 2020 22:50

Instrument :

BNA_G

ClientSampled :

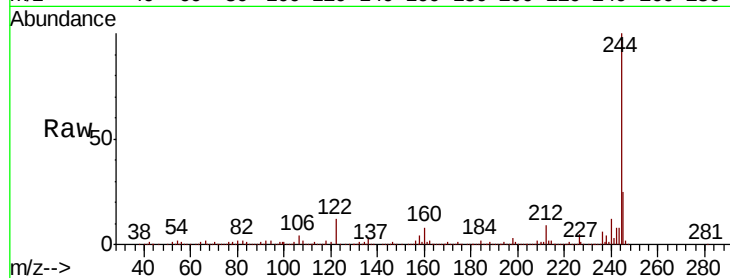
Tot Ion:184 Resp: 25602

Ion Ratio Lower Upper

184 100

185 15.3 12.2 18.4

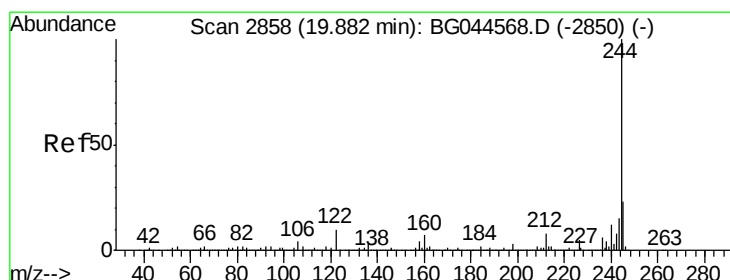
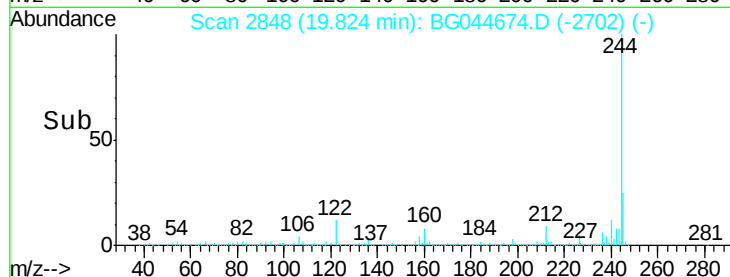
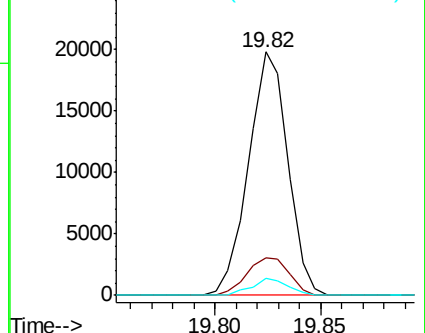
183 7.0 9.9 14.9#



Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E



#79

Terphenyl-d14

Concen: 86.020 ng

RT: 19.82 min Scan# 2848

Delta R.T. -0.06 min

Lab File: BG044674.D

Acq: 3 Mar 2020 22:50

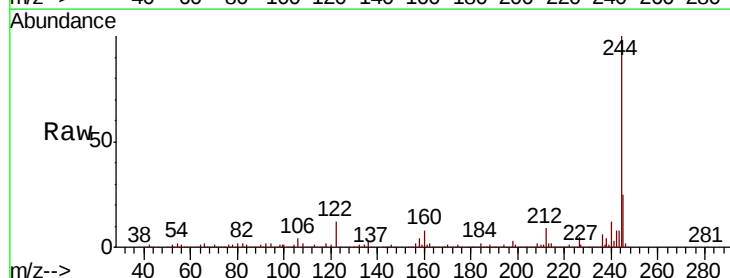
Tgt Ion:244 Resp: 1655730

Ion Ratio Lower Upper

244 100

212 8.7 6.5 9.7

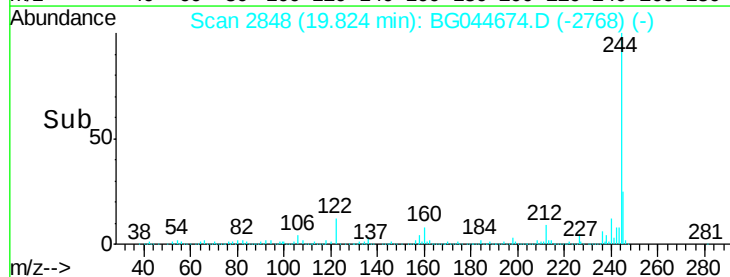
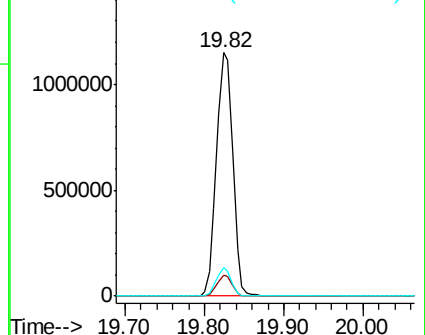
122 11.9 8.2 12.4

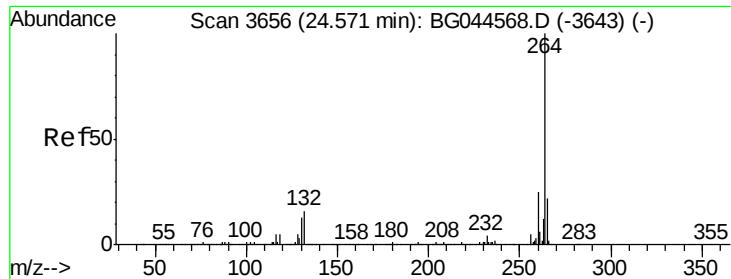


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#87
 Pervlene-d12
 Concen: 20.000 ng
 RT: 24.45 min Scan# 3636
 Delta R.T. -0.12 min
 Lab File: BG044674.D
 Acq: 3 Mar 2020 22:50

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.5	19.7	29.5
265	21.2	17.8	26.8

